

Converting Colors

Hex(6AD7C6)

Have a look what the booklet for
Hex(6AD7C6) contains.

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Color

Hex(6AD7C6)

Conversions

Conversions Part 1

Format	Color
Hex	6AD7C6
RGB	106, 215, 198
RGB Percent	42%, 84%, 78%
CMY	0.5843, 0.1569, 0.2235
CMYK	0.51, 0.00, 0.08, 0.16
HSL	171°, 58%, 63%
HSV	171°, 51%, 84%
XYZ	40.4373, 55.7423, 62.0541
YIQ	180.4710, -59.5070, -28.3950

Conversions

Conversions Part 2

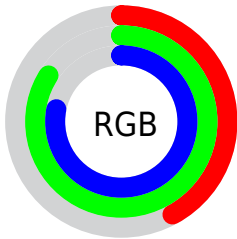
Format	Color
RYB	106, 165, 215
Decimal	7002054
CIELab	79.47, -35.44, -1.22
CIELCh	79, 35.461, 181.973
Yxy	55.7423, 0.2556, 0.3523
Android (android.graphics.Color)	4285192134 (0xFF6AD7C6)
YUV	180.4710, 8.6418, -65.3111
Hunter-Lab	74.6607, -33.9781, 2.9837

Details

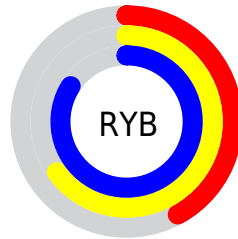
The Hex color **6AD7C6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D76A7B**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **A4FFFF**, and **2AA090** is the 20% darker color. If you saturate the color by 10%, you get **55D7C3**, and if you desaturate by 10%, it is **80D7C9**.

Distribution



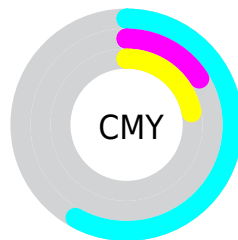
- Red (42%)
- Green (84%)
- Blue (78%)



- Red (42%)
- Yellow (65%)
- Blue (84%)



- Cyan (51%)
- Magenta (0%)
- Yellow (8%)
- Black (16%)



- Cyan (58%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AD7C6 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 6AD7C6 by changing the saturation by 10% instead.

 6AD7C6

 6AD7C6

FFFFFF

 4CBBAB

 A4FFFF

 2AA090

 C2FFFF

 008577

 DFFFFF

 006B5E

FDFFFF

 005246

 003B30

 00261B

 000001

 000000

 6AD7C6

 6AD7C6

 55D7C3

 80D7C9

 3FD7BF

 95D7CD

 2AD7BC

 ABD7D0

 14D7B9

 C0D7D3

 00D7B5

 D6D7D7

 EBD7DA

 FFD7DD

 FFD7E1

 FFD7E4

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90D4A5



6AD7C6



55D6E7

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6AD7C6



CCBCFD



F5B88C

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6AD7C6



D76A7B

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFAFA4



6AD7C6



F1B1E5

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6AD7C6



9CC7FF



FFACC4



DAC483

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6AD7C6



60D3F8



FFACC4



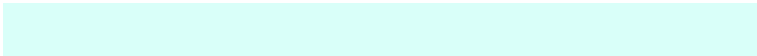
FCB592

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6AD7C6



D9FFF9



7CD76A



69807C



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6AD7C6



63FFE7



6AB3D7



606B69



00AB90



002B25

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



D76A7B



FF637C



D78E6A



6B6062



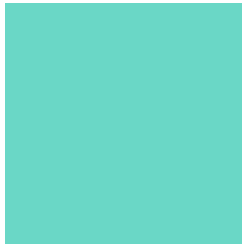
AB001B



2B0007

Previews

White Background



This preview shows how the Hex color 6AD7C6 looks on a white background.

Color Contrast Check

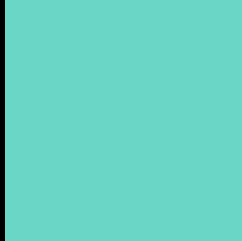
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 6AD7C6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

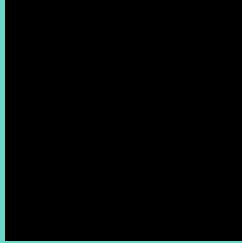
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

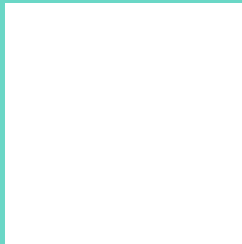
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6AD7C6 Background



This preview shows how black text looks on a background with the Hex color 6AD7C6.

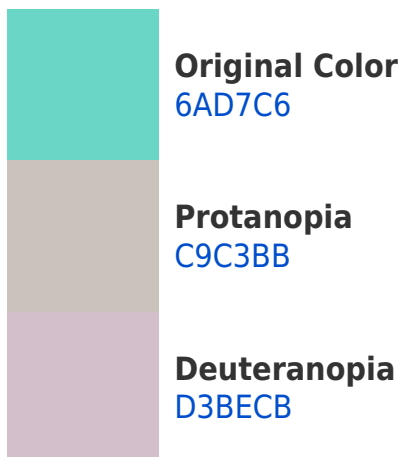


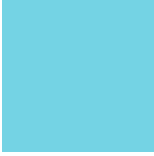
This preview shows how white text looks on a background with the Hex color 6AD7C6.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
74D3E4

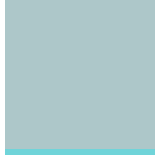
Trichromacy



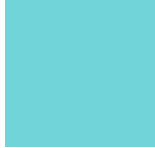
Original Color
6AD7C6



Protanomaly
A6CABF



Deuteranomaly
ADC7C9

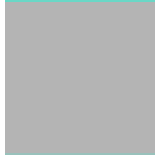


Tritanomaly
70D4D9

Monochromacy



Original Color
6AD7C6



Achromatopsia
B4B4B4



Achromatomaly
99C1BB

CSS Examples

Text

The CSS property to change the color of the text to Hex 6AD7C6 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6AD7C6 looks like.

```
.text, #text, p{  
    color:#6AD7C6  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6AD7C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AD7C6  
}
```

Border

The CSS property to change the border of an element to Hex 6AD7C6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6AD7C6 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6AD7C6 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #6AD7C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AD7C6; -webkit-box-shadow:4px 4px  
4px 4px #6AD7C6; box-shadow:4px 4px 4px  
4px #6AD7C6 }
```

Background

The CSS property to change the background color of an element to Hex 6AD7C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AD7C6 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6AD7C6 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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